Amendments to the Claims:

1. (Currently amended) A composition comprising ~~Compositions characterized in that they contain~~ an acid and an organic polymer which has carboxyl and/or hydroxyl groups.

2. (Currently amended) Composition according to claim 1, wherein the composition ~~characterized in that it contains an acid which~~ has a solubility of 0.5 to 20 wt.-% in water or in a mixture of 50 wt.-% water and 50 wt.-% ethanol.

3. (Currently amended) Composition according to claim 1, wherein the ~~or 2, characterized in that it contains an~~ acid ~~with~~ has protein- and/or calcium-precipitating properties.

4. (Currently amended) Composition according to claim 1, wherein the ~~one of the claims 1 to 3, characterized in that it contains as an~~ acid is a carboxylic acid, sulphonic acid and/or phosphonic acid.

5. (Currently amended) Composition according to claim 4, wherein the ~~characterized in that it contains a~~ phosphonic acid ~~of~~ has a formula

$$[X\text{-}R^5\text{-}Y^2\text{-}R^4\text{-}Z^2]_m\text{-}R\text{-}([Y^1\text{-}R^3\text{-}Z^1\text{-}R^1]_p\text{-}P(=O)(OR^2)\text{-}OH)_n$$

in which

n is 1, 2, 3 or 4,

m is 0, 1 or 2,

p is 0 or 1,

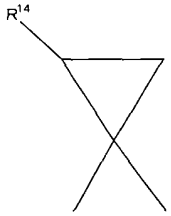
R is a straight-chained or branched aliphatic hydrocarbon radical with 1 to 12 carbon atoms or an aromatic hydrocarbon radical with 6 to 12 carbon atoms or an aliphatic/aromatic hydrocarbon radical with 7 to 16 carbon atoms, which can be substituted by OH, NH_2 and/or $COOR^6$,

R^1 is a C_1 to C_{12} alkylene, C_4 to C_{12} cycloalkylene, C_6 to C_{12} arylene or C_7 to C_{16} alkylenearylene radical, which can be substituted by OH, NH_2 and/or $COOR^6$, or is absent,

R^2 is H, a C_1 to C_6 alkyl or a phenyl radical,

R^3, R^4 each mean, independently of each other, a C_1 to C_{12} alkylene, C_6 to C_{12} arylene or C_7 to C_{16} alkylenearylene radical, which can be substituted by methyl, phenyl or fluorine, or are absent,

R^5 is $-CH=CR^{13}-$, a prop-1-ene-1, 3-diyl, C_1 to C_6 alkenylene, C_3 to C_9 cycloalkylene, C_1 to C_6 alkylene or phenylene radical or a group of formula



R^6 is H, a C_1 to C_6 alkyl or a phenyl radical,

Z^1, Z^2 each mean, independently of each other, CO-O, CO-NR^7, O-CO-NH, O, NH, S or are absent,

Y^1, Y^2 each mean, independently of each other, O, CO-O, CO-NR^8, O-CO-NH or are absent,

R^7, R^8 each mean, independently of each other, H, or a C_1 to C_6 alkyl radical,

X is H, CN, $N(R^9)_2$, OR^{10}, $COOR^{11}$ or $CONR_2^{12}$,

R^9, R^{10}, R^{11}, R^{12} each mean, independently of each other, H, a C_1 to C_{10} alkyl or a phenyl radical,

R^{13} is H or a methyl radical,

R^{14} is H or a C_1 to C_{10} alkyl, vinyl or phenyl radical.

6. (Currently amended) Composition according to claim 5, wherein ~~characterized in that~~

n is 1 or 2 and/or

m is 1 and/or

p is 0 and/or

R is an aliphatic straight-chained or branched mono- to pentavalent alkane radical with 1 to 7 carbon atoms, an aromatic hydrocarbon radical with 6 carbon atoms or an aliphatic/aromatic hydrocarbon radical with 8 carbon atoms and/or

R^1 is a methylene or ethylene radical or is absent and/or

R^2 is H, a methyl or ethyl radical and/or

R^3, R^4 each mean, independently of each other, a methylene, ethylene, trimethylene, p-phenylene, ethylidene, 1-methylene ethane-1,2-diyl radical or are absent and/or

R^5 is a methylene, ethylene, trimethylene, ethane-1, 2-diyl, methylethylene, prop-1-ene-1, 3-diyl, or a cyclopropylidene radical monosubstituted in 2 position or is absent and/or

R^6 is H and/or

Z^1, Z^2 each mean, independently of each other, CO-O, O-CO-NH or O or are absent and/or

Y^1, Y^2 each mean, independently of each other, O, CO-O or CO-NR^8 or are absent and/or

R^7, R^8 each mean, independently of each other, H or a methyl or ethyl radical and/or

X is H, CN, $COOR^{11}$ or $CONR_2^{12}$ and/or

R^9, R^{10}, R^{11}, R^{12} each mean, independently of each other, H or a methyl, ethyl or phenyl radical and/or

R^{13} is H or a methyl radical,

R^{14} is H or a vinyl or phenyl radical.

7. (Currently amended) Composition according to claim 5, wherein ~~characterized in that~~

n is 1,

m is 1,

p is 0,

R is a C_1 to C_3 alkylene or phenylene radical,

R^2 is H,

R^4 is a branched or straight-chained C_1 to C_6 alkylene radical which can be substituted by 1 to 2 fluorine atoms and/or 1 phenyl radical or is absent,

R^5 is a 1-methylene ethane-1, 2-diyl radical,

Z^2 is absent,

Y^2 is O or is absent,

X is $COOR^{11}$ and

R^{11} is H or a C_1 to C_5 alkyl or phenyl radical.

8. (Currently amended) Composition according to claim 5, wherein ~~characterized in that~~

n is 2,

m is 2,

p is 1,

R is a quadrivalent aliphatic, aromatic, or aliphatic-aromatic hydrocarbon radical with 2 to 12 carbon atoms,

R^1 is absent,

R^2 is H,

R^3 is a C_1 to C_3 alkylene or phenylene radical or is absent,

R^4 is a branched or straight-chained C_1 to C_6 alkylene radical which can be substituted by 1 to 2 fluorine atoms and/or 1 phenyl radical or is absent,

R^5 is a 1-methylene ethane-1, 2-diyl radical,

Z^1, Z^2 are absent,

Y^1 is absent,

Y^2 is O or is absent,

X is $COOR^{11}$ and

R^{11} is H or a C_1 to C_5 alkyl or phenyl radical.

9. (Currently amended) Composition according to claim 4, wherein the ~~one of claims 4 to 8, characterized in that~~ it contains as carboxylic acid is maleic acid and/or trichloroacetic acid.

10. (Currently amended) Composition according to claim 4, wherein the ~~one of claims 4 to 9, characterized in that~~ it contains as sulphonic acid is sulphosalicylic acid (2-hydroxy-5-sulphobenzoic acid).

11. (Currently amended) Composition according to claim 1, containing from ~~one of claims 1 to 10, characterized in that~~ it contains 1 to 4 different acids.

12. (Currently amended) Composition according to claim 1, wherein the ~~one of claims 1 to 11, characterized in that~~ it contains as a polymer is a polysaccharide, a polyethylene glycol, a polyacrylic acid, a polyacrylamide, a polyvinylpyrrolidine or a mixture thereof ~~of these substances~~.

13. (Currently amended) Composition according to claim 12, wherein the ~~characterized in that it contains as a~~ polymer is a mixture of polyethylene glycol dimethacrylate and polyacrylic acid.

14. (Currently amended) Composition according to claim 1, further containing ~~one of claims 1 to 13, characterized in that it also contains~~ fluoride ions.

15. (Currently amended) Composition according to claim 1, further containing ~~one of claims 1 to 14, characterized in that it also contains~~ a potassium ion-releasing compound.

16. (Currently amended) Composition according to claim 1, further containing ~~one of claims 1 to 15, characterized in that it also contains~~ a film-forming component.

17. (Currently amended) Composition according to claim 16, wherein the film-forming component is ~~characterized in that it contains~~ hydroxypropyl cellulose.

18. (Currently amended) Composition according to claim 1, containing ~~one of claims 1 to 17, characterized in that it contains~~

0.5 to 40 wt.-%	phosphonic acid and/or
1.0 to 40 wt.-%	carboxyl and/or hydroxyl-group-containing polymer and/or
0.5 to 30 wt.-%	of a film-forming component and/or
0.1 to 1.0 wt.-%	fluoride ions and/or
0.1 to 10 wt.-%	potassium ions and
0 to 97.8 wt.-%	solvent.

19. (Currently amended) Composition according to claim 18, ~~characterized in that it contains additionally~~ further containing from 0.1 to 1.0 wt.-% flavourings.

20. (Currently amended) Composition according to claim 18, wherein the ~~or 19, characterized in that it contains as a~~ solvent is a mixture of ethanol and water.

21. (Currently amended) Composition according to claim 18, containing ~~one of claims 18 to 20, characterized in that it contains~~

1 to 5 wt.-%	of at least one phosphonic acid,
3 to 7 wt.-%	polyacrylic acid,
15 to 25 wt.-%	polyethylene glycol dimethacrylate,
3 to 7 wt.-%	hydroxypropyl cellulose,
0.1 to 1.0 wt.-%	potassium fluoride,
0.05 to 0.2 wt.-%	flavouring and
53.8 to 76.9 wt.-%	ethanol/water mixture (approx. 50 wt.-%).

22. (Original) Kit containing an acid and in spatially separated form thereof an organic, carboxyl and/or hydroxyl-group-containing polymer.

23. (Currently amended) Kit according to claim 22, wherein ~~**characterized in that**~~ the acid is applied to a brush.

24. (Currently amended) Kit according to claim 22, containing ~~or 23, **characterized in that** it contains~~ a solution of the polymer, the composition of which is measured such that, when the solution is combined with the acid of the kit, a composition containing

0.5 to 40 wt.-%	phosphonic acid and/or
1.0 to 40 wt.-%	carboxyl and/or hydroxyl-group-containing polymer and/or
0.5 to 30 wt.-%	of a film-forming component and/or
0.1 to 1.0 wt.-%	fluoride ions and/or
0.1 to 10 wt.-%	potassium ions and
0 to 97.8 wt.-%	solvent

~~according to one of the claims 18 to 21~~ is obtained.

25. (Currently amended) Kit according to claim 22, wherein the ~~one of claims 22 to 24, **characterized in that**~~ acid and polymer are housed in different chambers of a double-chambered vessel.

26. (Currently amended) ~~Use of a composition as defined in claims 1 to 21~~ A method for the precipitation of protein comprising combining the composition of claim 1 with a protein solution.

27. (Currently amended) ~~Use of a composition as defined in claims 1 to 21~~ A method for the desensitization of teeth comprising applying the composition of claim 1 to a tooth.

28. (Canceled).